AUTHOR INDEX

A

Abcarian, H. A. 540
Abdel-Nabi, Hani 956
Abolhoda, Amir 976
Abson, Kathy 315
AbuRahma, Ali F. 449
Adkins, T.A. 535
Adrian, Thomas E. 232
Agachan, Feran 1060
Akhrass, Rami 647
Albertini, John 81
Albrecht, Roxie M. 641
Albu, Eugene 1066
Alexander, J. Jeffrey 557
Allen, Gary S. 895
Allen, James E. 30
Allins, Alexander 883
Allison, John G. 686
Aloia, Tom 232
Alponat, A. 918
Ambo, Tomohiro 716
Amenta, Peter S. 1024
Amerson, Jennifer L. 295
Anderson, Susan 849
Andrew, C.T. 344
Angood, Peter B. 218
Antinori, C.H. 344
Antonetti, Alfred 678
Applebaum, Harry 800
Appling, Nancy A. 308
Arentzen, Carl E. 525
Arnaout, Walid 835
Arnell, Tracey D. 815, 861
Arrillaga, Abenamar 1007
Asadi, F.K. 540
Ashley, Stanley W. 232
Athan, Eleni 435
Atkinson, James 793
Ault, Glenn T. 825
Awad, J.A. 320

B

Babb, Mary E. 386
Baker, J. Dennis 861
Baliga, Prabhakar 184
Barbaro, Nicholas M. 682
Barcia, Peter J. 930
Barker, Donald E. 19, 1028
Barnes, James R. 203
Barnes, Robert W. 472
Barone, Gary W. 472
Barone, Joseph G. 1024
Barrett, John 331
Barrios, George 1000
Bass, Nora 315
Bassett, Joseph S. 941
Bastounis, Elias 383
Baumgartner, Fritz 246, 967
Bautista, Norman 800
Bazire, P. 443
Beaumont, William 690
Becker, Yolanda T. 171
Behrman, Stephen W. 386
Beiles, K.E. 320
Bellemare, Jean-Francois 207
Belzberg, Howard 478
Bender, Jeffrey S. 73, 276, 637
Bendick, Phillip J. 619
Berman, Claudia 81, 484
Berne, Thomas V. 478
Bernstein, Mitchell A. 507
Bianchi, Christian 874
Bibbo, Marluce 719
Bickford-Laub, Therese 315
Bieligk, Samuel 400
Bilchik, Anton J. 232
Billingham, R.P. 535
Birkett, Desmond 947
Bittner, E. 1038
Bleiweis, Mark 967
Boley, Theresa M. 300
Bolin, Delmas J. 668
Boltax, Robert S. 409
Bongard, Fred 815
Boskovski, Nikola A. 499
Boswell, William C. 380
Bower, Steven 664
Bowers, V.D. 311
Box, J. Craig 280
Boyd, Beth A. 96
Boyd, Carl R. 765
Boyle, Michael 652
Boysen, Dennis A. 907
Brandt, Christopher 557, 647
Brennan, Edward J. Jr. 1068
Brenner, R. James 395
Broadwater, J. Ralph 203
Brobeil, Andrea 484
Bromley, Howard R. 686
Broughan, Thomas A. 673
Browder, William 14
Brown, A. Craig 452
Brown, Douglas H. 835
Brown, Stephen E. 530
Brunicardi, F. Charles 846
Budayr, Mahdi 427
Buechel, Frederick Jr. 976
Bullock, Debbie 830
Bumpers, Harvey 956
Burbank, Fred 128, 738
Burchell, Sherry 770
Burdette, Everett C. 117
Burk, R.F. 320
Burns, R. Phillip 19, 113, 1028
Bush, George Wayne 326
Busuttil, Ronald 237

C

Cairns, Bruce A. 911
Camp, Linda A. 939
Canal, David F. 632
Cannova, Joseph 432
Carlson, Grant W. 151
Carp, Ned Z. 1068
Carrillo, Eddy H. 469
Casas, Adela T. 350
Celdrán, A. 443
Chalabian, Jeanine 840
Champagne, Lloyd P. 1003
Champion, Howard 503
Chang, Benjamin B. 35
Chang, Lin 815
Chapman, W.C. 320
Chase, Christopher W. 1028
Chavin, Kenneth D. 184
Chendrasekhar, Akella 373, 887, 1038
Chijiiwa, Kazuo 701
Chmiel, Joan S. 400
Choi, Justin 853
Chugh, Aman 551
Chung, Christopher 800
Chung, Keith C. 304, 494
Churchill, M. Paige 1045
Cintron, J. R. 540
Ciresi, David L. 641
Clancy, Thomas V. 1045
Clark, Robert 484
Clarkston, Wendell K. 421
Cleary, Robert K. 984
Clements, Joel B. 113
Clements, Ronald H. 326, 413, 446
Coates, Nathan E. 895
Cody, W.C. 344
Cofer, Joseph B. 184
Cohen, Marilyn 883
Cohle, Stephen D. 994
Colborn, Gene L. 775
Colella, Joseph J. 212
Coll, David P. 961
Compton, Ray 14
Cordero, Juan A. Jr. 35
Cornwell, Edward E. III 478
Corwin, Claudia 724
Cosenza, Carlos A. 835
Counihan, Timothy C. 757
Covington, Deborah L. 1045
Cox, Charles 484
Crawford, David L. 745
Cresci, Gail A. 167
Crist, David W. 256
Cristoforoni, Paolo M. 935
Crowe, Joseph P. Jr. 458
Cruse, Wayne 81
Cullinane, Carey A. 973
Cummings, Kenneth B. 1024
Cummings, O.W. 609
Cummiskey, Robert D. 690
Curtis, Jack J. 300
Cyrochristos, Dimitrios 383

D

D'Amelio, Louis F. 1055
Dardik, Herbert 998
Darling, R. Clement III 35
Daughters, Kenneth 789
Davis, Frank E. 1064
Davis, Patricia C. 192
Davis-Merritt, Deborah 407
Davison, Paul 994
Davoudi, Mohammad 256
Dawe, Elizabeth J. 569
Dawson, John W. 507
Dean, Robert 488
DeConti, Ronald 81
Degiannis, Elias 461
deLeon, M.L. 344
Demetriades, Demetrios 478
DeNatale, Ralph W. 409
Denham, David B. 117
Denning, David E. 481
Desai, Darius C. 1068
de Virgilio, Christian 815, 861
Deziel, Daniel J. 582
Diamond, Daniel L. 212
DiPaola, D.J. 344
Dirbas, Frederick M. 26
Doerr, Ralph J. 922, 956, 1000
Dombi, George W. 569
Donayre, Carlos 861
Donovan, K.L. 320
Doolas, Alexander 582
Doran, Jan Eva 350
Dorsey-Tyler, Kevin 594
Drazan, Kenneth 237
Drougas, J.G. 320
Drueck, Charles 525
Duggan, Margaret 947
Duke, Bruce E. 427
Duncan, Titus 69, 292
Dunn, Ernest 678
Dunn, James C.Y. 820
Dunnington, Gary 840

E

Eaves, Greg L. 188
Eddy, Virginia A. 40
Edwards, William H. Jr. 830
Edwards, William H. Sr. 830
Eichenberg, Brian J. 874
Eidt, John F. 472
El-Baba, Mohammad 1014
El-din, Abou Bakr Mohey 8
Elliott, Mary C. 1018
Elliott, Robert L. 1018
Ellison, E. Christopher 386
Ellmers, Brent R. 619
Emil, Sherif 793
Essner, Richard 395
Estes, Melissa A. 598
Estes, Norman C. 546, 573, 598
Evans, Brian 785, 857

F

Fabian, Carol 546
Fabrega, Alfredo 724
Faison, Roger Y. 976
Fakhry, Samir M. 911
Farid, Hany 803
Faries, Peter L. 1073
Featherstone, R. 589
Fein, Shifra 435
Fenske, Neil 81
Ferrara, John J. 973, 1050
Ferstenberg, Henry 369
Fiedor, Piotr S. 435
Fietsam, Robert Jr. 768
Fildes, John J. 331
Filo, Ronald S. 652
Fine, Richard E. 96, 108
Fineberg, N.S. 609
Fiorentino, Michelangelo 901
Fischer, John 678
Fisher, Ellen A. 1064
Fitzpatrick, Brendan T. 719
Flint, Lewis M. 973, 1050
Fogarty, Thomas J. 738
Fonkalsrud, Eric W. 820
Fontenot, Christopher 514
Ford, Deborah H. 987
Fraiman, Mark H. 835
Frankel, Heidi 503
Freeman, Richard K. 869
Frentzel, Adrian 391
Friedman, Marc L. 835

G

Gaber, A. Osama 8
Gaber, Lillian W. 8
Gadacz, Thomas R. 256, 733
Gagné, Paul J. 472
Gahtan, V. 311
Gahtan, Vivian 366
Gallucci, Antonio 901
Gao, Xiao X. 733
Garcha, Iqbal S. 69, 274, 292
García-Ureña, M.A. 443
Garman, Karen 840
Garrison, R. Neal 223
Gaschen, J.R. 308
Gassel, Adam 789
Gau, F.C. 577
Geers, Jon 377
Gelman, Joel 246
Gelpi, Juan R. 594
Gerst, Paul H. 1066
Ghanekar, Devyani 416
Gholson, Charles 76
Giri, Shankar 546
Giuliano, Armando E. 395
Glass, Frank 81
Glick, Philip L. 30

AUTHOR INDEX

A

Abcarian, H. A. 540
Abdel-Nabi, Hani 956
Abolhoda, Amir 976
Abson, Kathy 315
AbuRahma, Ali F. 449
Adkins, T.A. 535
Adrian, Thomas E. 232
Agachan, Feran 1060
Akhrass, Rami 647
Albertini, John 81
Albrecht, Roxie M. 641
Albu, Eugene 1066
Alexander, J. Jeffrey 557
Allen, Gary S. 895
Allen, James E. 30
Allins, Alexander 883
Allison, John G. 686
Aloia, Tom 232
Alponat, A. 918
Ambo, Tomohiro 716
Amenta, Peter S. 1024
Amerson, Jennifer L. 295
Anderson, Susan 849
Andrew, C.T. 344
Angood, Peter B. 218
Antinori, C.H. 344
Antonetti, Alfred 678
Applebaum, Harry 800
Appling, Nancy A. 308
Arentzen, Carl E. 525
Arnaout, Walid 835
Arnell, Tracey D. 815, 861
Arrillaga, Abenamar 1007
Asadi, F.K. 540
Ashley, Stanley W. 232
Athan, Eleni 435
Atkinson, James 793
Ault, Glenn T. 825
Awad, J.A. 320

B

Babb, Mary E. 386
Baker, J. Dennis 861
Baliga, Prabhakar 184
Barbaro, Nicholas M. 682
Barcia, Peter J. 930
Barker, Donald E. 19, 1028
Barnes, James R. 203
Barnes, Robert W. 472
Barone, Gary W. 472
Barone, Joseph G. 1024
Barrett, John 331
Barrios, George 1000
Bass, Nora 315
Bassett, Joseph S. 941
Bastounis, Elias 383
Baumgartner, Fritz 246, 967
Bautista, Norman 800
Bazire, P. 443
Beaumont, William 690
Becker, Yolanda T. 171
Behrman, Stephen W. 386
Beiles, K.E. 320
Bellemare, Jean-Francois 207
Belzberg, Howard 478
Bender, Jeffrey S. 73, 276, 637
Bendick, Phillip J. 619
Berman, Claudia 81, 484
Berne, Thomas V. 478
Bernstein, Mitchell A. 507
Bianchi, Christian 874
Bibbo, Marluce 719
Bickford-Laub, Therese 315
Bieligk, Samuel 400
Bilchik, Anton J. 232
Billingham, R.P. 535
Birkett, Desmond 947
Bittner, E. 1038
Bleiweis, Mark 967
Boley, Theresa M. 300
Bolin, Delmas J. 668
Boltax, Robert S. 409
Bongard, Fred 815
Boskovski, Nikola A. 499
Boswell, William C. 380
Bower, Steven 664
Bowers, V.D. 311
Box, J. Craig 280
Boyd, Beth A. 96
Boyd, Carl R. 765
Boyle, Michael 652
Boysen, Dennis A. 907
Brandt, Christopher 557, 647
Brennan, Edward J. Jr. 1068
Brenner, R. James 395
Broadwater, J. Ralph 203
Brobeil, Andrea 484
Bromley, Howard R. 686
Broughan, Thomas A. 673
Browder, William 14
Brown, A. Craig 452
Brown, Douglas H. 835
Brown, Stephen E. 530
Brunicardi, F. Charles 846
Budayr, Mahdi 427
Buechel, Frederick Jr. 976
Bullock, Debbie 830
Bumpers, Harvey 956
Burbank, Fred 128, 738
Burchell, Sherry 770
Burdette, Everett C. 117
Burk, R.F. 320
Burns, R. Phillip 19, 113, 1028
Bush, George Wayne 326
Busuttil, Ronald 237

C

Cairns, Bruce A. 911
Camp, Linda A. 939
Canal, David F. 632
Cannova, Joseph 432
Carlson, Grant W. 151
Carp, Ned Z. 1068
Carrillo, Eddy H. 469
Casas, Adela T. 350
Celdrán, A. 443
Chalabian, Jeanine 840
Champagne, Lloyd P. 1003
Champion, Howard 503
Chang, Benjamin B. 35
Chang, Lin 815
Chapman, W.C. 320
Chase, Christopher W. 1028
Chavin, Kenneth D. 184
Chendrasekhar, Akella 373, 887, 1038
Chijiiwa, Kazuo 701
Chmiel, Joan S. 400
Choi, Justin 853
Chugh, Aman 551
Chung, Christopher 800
Chung, Keith C. 304, 494
Churchill, M. Paige 1045
Cintron, J. R. 540
Ciresi, David L. 641
Clancy, Thomas V. 1045
Clark, Robert 484
Clarkston, Wendell K. 421
Cleary, Robert K. 984
Clements, Joel B. 113
Clements, Ronald H. 326, 413, 446
Coates, Nathan E. 895
Cody, W.C. 344
Cofer, Joseph B. 184
Cohen, Marilyn 883
Cohle, Stephen D. 994
Colborn, Gene L. 775
Colella, Joseph J. 212
Coll, David P. 961
Compton, Ray 14
Cordero, Juan A. Jr. 35
Cornwell, Edward E. III 478
Corwin, Claudia 724
Cosenza, Carlos A. 835
Counihan, Timothy C. 757
Covington, Deborah L. 1045
Cox, Charles 484
Crawford, David L. 745
Cresci, Gail A. 167
Crist, David W. 256
Cristoforoni, Paolo M. 935
Crowe, Joseph P. Jr. 458
Cruse, Wayne 81
Cullinane, Carey A. 973
Cummings, Kenneth B. 1024
Cummings, O.W. 609
Cummiskey, Robert D. 690
Curtis, Jack J. 300
Cyrochristos, Dimitrios 383

D

D'Amelio, Louis F. 1055
Dardik, Herbert 998
Darling, R. Clement III 35
Daughters, Kenneth 789
Davis, Frank E. 1064
Davis, Patricia C. 192
Davis-Merritt, Deborah 407
Davison, Paul 994
Davoudi, Mohammad 256
Dawe, Elizabeth J. 569
Dawson, John W. 507
Dean, Robert 488
DeConti, Ronald 81
Degiannis, Elias 461
deLeon, M.L. 344
Demetriades, Demetrios 478
DeNatale, Ralph W. 409
Denham, David B. 117
Denning, David E. 481
Desai, Darius C. 1068
de Virgilio, Christian 815, 861
Deziel, Daniel J. 582
Diamond, Daniel L. 212
DiPaola, D.J. 344
Dirbas, Frederick M. 26
Doerr, Ralph J. 922, 956, 1000
Dombi, George W. 569
Donayre, Carlos 861
Donovan, K.L. 320
Doolas, Alexander 582
Doran, Jan Eva 350
Dorsey-Tyler, Kevin 594
Drazan, Kenneth 237
Drougas, J.G. 320
Drueck, Charles 525
Duggan, Margaret 947
Duke, Bruce E. 427
Duncan, Titus 69, 292
Dunn, Ernest 678
Dunn, James C.Y. 820
Dunnington, Gary 840

E

Eaves, Greg L. 188
Eddy, Virginia A. 40
Edwards, William H. Jr. 830
Edwards, William H. Sr. 830
Eichenberg, Brian J. 874
Eidt, John F. 472
El-Baba, Mohammad 1014
El-din, Abou Bakr Mohey 8
Elliott, Mary C. 1018
Elliott, Robert L. 1018
Ellison, E. Christopher 386
Ellmers, Brent R. 619
Emil, Sherif 793
Essner, Richard 395
Estes, Melissa A. 598
Estes, Norman C. 546, 573, 598
Evans, Brian 785, 857

F

Fabian, Carol 546
Fabrega, Alfredo 724
Faison, Roger Y. 976
Fakhry, Samir M. 911
Farid, Hany 803
Faries, Peter L. 1073
Featherstone, R. 589
Fein, Shifra 435
Fenske, Neil 81
Ferrara, John J. 973, 1050
Ferstenberg, Henry 369
Fiedor, Piotr S. 435
Fietsam, Robert Jr. 768
Fildes, John J. 331
Filo, Ronald S. 652
Fine, Richard E. 96, 108
Fineberg, N.S. 609
Fiorentino, Michelangelo 901
Fischer, John 678
Fisher, Ellen A. 1064
Fitzpatrick, Brendan T. 719
Flint, Lewis M. 973, 1050
Fogarty, Thomas J. 738
Fonkalsrud, Eric W. 820
Fontenot, Christopher 514
Ford, Deborah H. 987
Fraiman, Mark H. 835
Frankel, Heidi 503
Freeman, Richard K. 869
Frentzel, Adrian 391
Friedman, Marc L. 835

G

Gaber, A. Osama 8
Gaber, Lillian W. 8
Gadacz, Thomas R. 256, 733
Gagné, Paul J. 472
Gahtan, V. 311
Gahtan, Vivian 366
Gallucci, Antonio 901
Gao, Xiao X. 733
Garcha, Iqbal S. 69, 274, 292
García-Ureña, M.A. 443
Garman, Karen 840
Garrison, R. Neal 223
Gaschen, J.R. 308
Gassel, Adam 789
Gau, F.C. 577
Geers, Jon 377
Gelman, Joel 246
Gelpi, Juan R. 594
Gerst, Paul H. 1066
Ghanekar, Devyani 416
Gholson, Charles 76
Giri, Shankar 546
Giuliano, Armando E. 395
Glass, Frank 81
Glick, Philip L. 30

Glover, John L. 619, 768, 941
Goco, Ismael R. 270
Godziachvili, Vasso 569
Goh, P.M.Y. 918
Goins, Wendell A. 987
Goldberg, Amy J. 1064
Gomez, Gerardo A. 530
Gong, Mable 922
Gonzalez, Xochitl 117
Goodman, Elliot R. 435
Gott, Paul E. 930
Gozzetti, Giuseppe 901
Grant, Edward 861
Grazi, Gian Luca 901
Greaney, Edward M. Jr. 849
Greer, Michael S. 45, 113
Grewal, Hani P. 8
Griffen, Ward O. Jr. 693
Groehn, Harvey 315
Grogan, James B. 259
Gump, Frank E. 748
Gurbuz, Ahmet Tayfun 407
Gürke, Lorenz 391
Gurkin, Brett 56

H

Haddad, Riad 1042
Haggerty, Stephen P. 300
Hain, Jon M. 984
Hamm, Charles R. 192
Hammond, Jeffrey S. 1055
Harder, Felix 391
Hardy, Mark A. 435
Harkins, Brian 167
Hartland, Lillian 207
Harvey, William R. 308
Hattler, Brack 300
Hauer-Jensen, Martin 203
Hawasli, A. 589
Haynes, Allison E. 1018
Hazelrigg, Stephen R. 300
Head, Jonathan F. 1018
Heberer, Michael 391
Heithold, Daniel 69, 292
Heller, Richard 81
Heniford, B. Todd 469
Henson, Donald E. 400
Herbst, Charles A. 263
Hermann, Robert E. 673
Hermreck, Arlo 573
Herron, Alan 117
Hiatt, Jonathan R. 883
Hill, Michael 328
Ho, Hao Chih 770
Ho, Taylor 883
Hoerr, Stanley O. 673
Hoffman, Allen N. 835
Holden, Charles 377
Hopkins, Jeffrey 678
Howard, T.J. 609
Howerton, Russell L. 270
Hubsch, Alphonse P. 350
Hudson, D.A. 658
Huffman, J.L. 311
Hughes, Christopher B. 8
Hughes, Kent C. 678
Hultman, C. Scott 263
Hungerpiller, John C. 380
Hunt, John P. 911
Hunter, E.B. 320
Hurst, Ronald 806
Hyser, M.J. 577

I

Ibrahim, Ibrahim M. 998
Ierardi, Ralph P. 961
Imagawa, David 237
Imami, Emran R. 207
Imran-ul-Hag 949
Inman, Margaret M. 632
Islam, Saleem 757
Isler, J.T. 535
Israel, Philip Z. 93
Iyer, Chandramouli P. 356

J

Jackson, Carl E. 939
Jacobson, Lewis E. 530
Jain, Vikas 162
Jardines, Lori 119
Jarjoura, David 562
Jeffery, Kathleen M. 167
Jeng, James 503
Jescovitch, Anthony J. Jr. 361
Jewell, William R. 573
Jindal, Rahul M. 652
Johnson, Constance J. 361
Johnson, Jerome 386
Johnson, Joel A. 300
Johnson, Megan 598
Jones, Calvin E. 276, 361
Jones, RoseMarie 632
Joseph, Kimberly T. 331
Joshi, Pratibha 259
Josloff, Robert K. 517
Jovine, Elio 901
Jurim, Oded 237

K

Kahn, Allyson 361
Kahn, Mark B. 366
Kaidi, Ashton 569, 706
Kakkis, Jane L. 846
Kam, David M. 551
Kambouris, Angelos 123, 519
Kanazi, Ghassan E. 499
Kanno, Sotaro 793
Kaplan, Lewis J. 762
Kaplan, Ofer 1042
Karamanoukian, Hratch 1000
Kawaguchi, Akemi L. 820
Kazmers, Andris 315
Keeler, Thomas 525
Kellam, Lori G. 270
Keller, Steve 753
Kent, Raleigh B. III 413
Kent, Raleigh B. Jr. 326
Kerstein, Morris D. 366, 961, 1010
Ketel, Beverley L. 472
Kiai, Kianush 237
Kim, Kyung 647
Kim, Young B. 935
Klein, Michael 1014
Klein, Stanley 246
Kling, Karen M. 785, 857
Klodell, Charles T. Jr. 469
Ko, Clifford Y. 865
Koger, Kim E. 26
Koito, Kazumitsu 716
Kok, K.Y.Y. 918
Kolm, Paul 709
Kosi, Mahmoud 793
Koski, Marie F. 315
Kotb, Malak 8
Krige, J.E.J. 658
Krishnamoorthy, Mohan 800
Krosner, Seth M. 331
Krummen, Donna M. 432, 939
Kuchler, J.A. 344
Kuehne, Jonathan P. 241
Kukora, John S. 517
Kukreja, S.C. 540
Kulaylat, Mahmoud N. 922, 956, 1000
Kumar, Anil 961

L

LaBerge, Jeanne M. 930
Lambert, Glenn E. 1034
Lambert, Paul 709
Landreneau, Rodney J. 300
Landry, M'Liss 162
Lane, Daniel R. 259
Lane, Gary E. 907
Lane, Renee C. 907
Lang, Elvira 724
Langan, Eugene M. III 188
LaRaja, Raymond D. 949
Lathrop, James C. 907
Lay, Rosemary Y. 935
Lazaro, Eric J. 976
Leapman, Stephen B. 652
Leather, Robert P. 35
Lee, Jay 967
Lee., Young Mo 706
Lentz, Christopher W. 911
Leppániemi, Ari 383
Levi, David M. 952
Levine, Edward A. 162
Libcke, John H. 569
Light, Victoria L. 562
Lin, Chuan-Hao 1014
Lin, Cal 806
Lind, Christopher D. 171
Lipshy, Kenneth A. 481
Liu, Carson D. 232
Lloyd, L.R. 589
Lopez, Marvin J. 759
Lopez, Richard R. 835
López-Martínez, Ricardo A. 748
Lord, S. Alan 380
Lucas, George W. 69, 218, 280, 292
Lucas, Nicole 203
Luchtefeld, M.A. 535, 594
Lukas, Garron M. 668
Lyman, Gary 81

M

Madura, J.A. 609
Magnuson, Thomas H. 276, 637
Mahour, G. Hossein 356
Mahr, Christopher 331
Major, C. Paul Jr. 45
Makowka, Leonard 835
Maksumova, Zoya 1066
Malakouti, S. 540
Manders, Ernest C. 1076
Manders, Ernest K. 678, 1076
Mann, Linda 8
Manns, Fabrice 117
Manuele, V.J. 344
Margiotta, Michael S. 1055
Marijuan, J.L. 443
Marsala, Andrew 76
Martella, Arthur T. 1073
Martin, Larry 952
Martin, Maureen 724
Martin, Raymond S. III 830
Martindale, Robert G. 167, 733
Marx, Axel 391
Masetti, Michele 901
Mason, Edward M. 69, 274, 292
Matheson, Paul J. 223
Matsumoto, Teruo 961
Matz, Paul G. 682
Maun, Richard A. 516
Mauro, Matthew A. 263
Maxwell, J. Gary 1045
Mazziotti, Alighieri 901
McAlhany, Joseph C. Jr. 188, 197
McCall, James M. 263
McCarty, K.R. 320
McClenathan, James H. 26
McDonald, John C. 76
McDonald, Marian P. 673
McElhinney, Christian 598
McFadden, David W. 232, 785, 857
McFadden, P. Michael 304, 494
McGrath, Janette C. 811
McHenry, Christopher R. 562
McKenney, Mark G. 768, 952
McLarty, Ruth 874
McMillan, Robert A. 530
McMillan, Robert W. 76
Meeker, Christine 315
Melvin, W. Scott 386
Messina, Jane 81
Meyer, Anthony A. 911
Meyer, Kevin M. 76
Miguel, Carolyn 874
Milgrom, Martin L. 652
Miliotes, Gregory 81
Miller, G.A. 609
Miller, Jeffrey A. 416
Miller, Samuel K. 733
Milliken, Jeffrey 246, 967
Mills, J.L. 311
Minghini, Anita 709
Miron, Stefan D. 562
Mitchell, Kevin 1064
Mitchell, Robert O. 1034
Mitros, Frank 724
Mlakar, Joseph 488
Monforte-Munoz, Hector 793
Montz, F.J. 935
Moore, Barry B. 664
Moore, James T. 745
Morales, Irma Restori 478
Morris, John A. Jr. 40
Morris, Paul 770
Morton, Blaine 879
Muckleroy, S. Kel 407
Mulherin, Joseph L. Jr. 830
Muraoka, Shunichi 716
Mureebe, Leila 366
Mürith, Nicolas 981
Murray, Bruce H. 994

N

Nadkarni, Manasi 949
Nagy, Kimberly K. 331
Nair, Cynthia 246
Najjar, Rony 1007
Namieno, Tsutomu 716
Nazzal, Munier 706
Nel, P.N. 658
Newman, Charles N. 218
Newsom, V.L. 320
Newton, Todd R. 232
Ngoi., S.S. 918
Nguyen, Tuong H. 883
Nie, Charles H. 259
Nir, Itzhak 952
Nogueras, Juan J. 178, 507
Nolan, Robert E. 270

O

Ochsner, John L. 304, 494
O'Connell, Theodore X. 803, 853
O'Connor, Brent 525
Ogawa, Yoshiaki 701
O'Leary, J. Patrick 91, 328, 424, 514, 690, 783, 979, 1003
Oller, Dale W. 56
Olthoff, Kim M. 237
Omari, Bassam 967

Opie, Harlan 598
Ordona, Marc 619
Oust, Gail 315

P

Pack, Mark S. 159
Pagni, Sebastian 409
Pantuck, Allan J. 1024
Papanicolaou, George 241
Parel, Jean-Marie 117
Park, C.S. 609
Parker, Steve H. 738
Pate, James W. 308
Patel, Kamini 1066
Patel, Mayank 1066
Paty, Philip S.K. 35
Paul, Derek K. 336
Payne, J.L. 320
Perloe, Mark 274
Perry, Roger R. 709
Pescovitz, Mark D. 652
Petrie, Beverley 865
Petros, James G. 759
Petsoglou, Con 81
Philip, Roland S. 673
Phillips, Matthew 326
Pikoulis, Emmanouil 383
Pillai, S. 1038
Pincus, William 709
Pinson, C.W. 320
Pinson, N.Y. 320
Piotrowski, Joseph J. 557
Pokorny, Richard 469
Polk, Hiram C. Jr. 1
Poole, Galen V. 287
Powell, Randall W. 192
Prêtre, René 981
Preys, Zoya 935
Pridjian, Ara K. 494
Puleo, Chris 81

Q

Quilici, Jean 849
Quilici, Philippe J. 849

R

Rai, Jyoti 1050
Raiford, D.S. 320
Rajagopalan, P. 184
Rajfer, Jacob 246
Ralls, Philip W. 825
Ramadan, Fuad M. 911
Ramshaw, Bruce J. 69, 292
Ramshaw, David G. 1045
Ranger, William R. 941
Rao, Devaguptapu 1066
Rapaport, David 81
Ratner, Lloyd E. 276, 637
Reed, George 171
Reintgen, Douglas 81, 484
Reisser, John R. 446
Reissman, Petachia 178, 507, 1060
Rescorla, Frederick J. 632
Reynolds, H. Neal 1064
Reynolds, Telfer B. 825
Rha, Seung-Yeun 30
Riblet, Jeffrey L. 1064
Richards, William O. 171
Richardson, J. David 1034
Ricketts, Richard R. 30, 295, 517
Ripepi, Antonio J. 557
Rizzo, Anthony 192
Roberts, Andrew B. 366
Roberts, Roxanne R. 331
Robertson, John 967
Robinson, A.V. 625
Robinson, David S. 117
Robles, Antonio 874
Roe, S. Michael 45, 113
Romberg, Mike 573
Rongione, Anthony J. 785, 857
Rosen, Jay S. 748
Ross, Brenda J. 19
Rothenberg, Robert E. 949
Rowe, Vincent 800
Rowland, Michael 1010
Russell, H. Earle 188
Russell, William L. 19, 45, 1028
Rutledge, Robert 911

S

Saba, Amer A. 569
Saber, Alan 949, 998
Sailors, David M. 472
Saiz, A. Abe 336
Sakwa, Marc P. 941
Salm, Thomas 391
Sandman, Geoffrey 551
Sandoval, B.A. 625
Santaspirt, John S. 344
Santora, Thomas A. 762
Santos, Gil Hauer 1073
Schachner, Robert 117
Scheeres, David E. 488, 551
Scher, Kenneth S. 52
Scherer, Tres III 530
Schlasinger, Michael H. 369
Schmit, Paul J. 865
Scholten, Donald J. 641
Schreiber, Helmut 432
Schroder, D.M. 589
Schwartz, Lynn Beth 1055
Schweitzer, Michael A. 603
Scott, Henrique 452
Scott, Rosalyn 246
Scott-Conner, Carol E.H. 259
Scudamore, Charles 246
Sedani, Khemraj H. 1064
Seelig, Joachim 391
Senagore, Anthony J. 535, 594
Sener, Stephen F. 525
Shabot, M. Michael 811
Shackelton, Christopher 237
Shafik, Ahmed 339
Shah, Dhiraj M. 35
Shaked, Abraham 237
Shanavas, Zaifi 1010
Shannon, Francis L. 941
Shatney, Clayton H. 26
Shenk, R.R. 625
Sheppard, Barry 967
Sher, Linda S. 835
Sherick, Daniel G. 984
Shillinglaw, William 1064
Short, Kimberly 488
Shuler, Frederick W. 218
Sidner, R.A. 609
Silva, Yvan J. 569
Silver, Dana L. 603
Sise, Michael J. 869
Sivina, Manuel 336
Skandalakis, John E. 512, 775
Skandalakis, Lee John 775
Skornick, Yehuda 1042
Slotman, Gus J. 64, 516
Smilow, Paul C. 1024
Smith, David L. 911
Smith, Gardner W. 276, 637
Smith, James W. 879
Smith-Meek, Melissa A. 276, 637
Snell, Julie E. 40
Snook, Brandon 947
Snyder, Raymon 967
Sodee, D. Bruce 562
Solomon, Benjamin R. 961
Sosa, Jorge L. 1007
Souter, Irene 461
Spain, David A. 223
Spillert, Charles R. 976
Spivak, Hadar 369, 753
St. Andre, Arthur 503
Stabile, Bruce E. 815
Stain, Steven C. 825
Stamos, Michael 806
Stanley, Phillip 356
Staren, Edgar D. 103, 108, 582
Stark, Michael E. 458
Stauffer, Jay 573
Stein, Sherman C. 64, 516
Steinig, Jeffrey P. 765
Steinwald, Paul M. 889
Stellato, Thomas A. 603, 625
Sticca, Robert P. 197
Stock, Jeffrey A. 748
Stovroff, Mark C. 30
Strawn, Estil Y. 274
Sulaiman, T.T. 625
Sumida, Michael P. 113
Sutherland, Carl M. 400
Sutter, Paul-Martin 391
Swanson, Richard S. 757
Swegle, James 869
Sweiss, Iliana 603

T

Tabanda-Lichauco, Rosa 369
Tabuenca, Arnold 874
Tafra, Lorraine 395
Tanaka, Masao 701
Tannebaum, Ira R. 889
Tarara, Debra 724
Taylor, Spence M. 188
Teoh, Tiong-Ann 178
Tepas, J.J. III 207
Thanikachalam, Mohan 759
Thaxton, Lora IV 449
Thomae, Keith R. 287
Thomas, Charles 783
Thomas, James H. 573
Thomas, Robert S. 159
Thompson, Charles 424
Thompson, Jesse E. 865
Thompson, Jon S. 499
Thylan, Sharyn 617
Tieva, Martin H. 930
Tilly, Elena 503
Timberlake, G.A. 1038
Tolia, Vasundhara 1014
Touchard, Cheri L. 494
Townsend, Laurace E. 619
Trachiotis, Gregory D. 889
Trevor, Katrina T. 619
Trotter, Michael C. 304
Tucker, Jeff 292
Tucker, Jeff G. 69, 218

U

Uber, Lynn 184
Uchino, Junichi 716
Udekwu, Pascal O. 56
Ukah, Ferdinand 724

V

Van Allen, Richard 835
Van Buren, D.H. 320
Vanderlinden, Joseph 874
VanMeter, Clifford H. 494
Vaswani, Surender K. 421
Velanovich, Vic 60, 156, 253
Velmahos, George C. 461
Vertz, Mona L. 551
Vickers, Ben 76
Victor, Noel S. 879
Vierling, John 835
Villalba, Mario 768
Villanueva, D.T. 344
Volkers, Phyllis A. 641

W

Wagner, Willis H. 811
Walker, William A. 308
Wallace, Peggy 840
Walters, Gerald K. 361
Waters, Gregory S. 256
Watne, Alvin L. 280
Watson, James C. 91
Waxman, Kenneth 789, 883
Weatherford, David A. 188, 197
Weaver, Fred A. 241
Webb, Phyllis A. 551
Weider, Laurence 678
Weiman, Darryl S. 308
Weintritt, David C. 1045
Weiss, Eric G. 178, 507
Weiss, Stephen M. 664
Wells, Mike 461
Werbin, Nahum 1042
Wexner, Steven D. 178, 507, 1060
Wheeler, William E. 481
White, Rodney 861
Wiebke, E.A. 609
Wilhelmi, Bradon 582
Willey, Patricia 478
Williams, David 14
Willis, Irvin H. 336
Wilmouth, Gerald 806
Wilson, John P. 69, 292
Wilson, Mark A. 223
Winchester, David P. 400
Wolf, Yoram 1042
Wolodiger, Fred 998
Wren, Sherry M. 825
Wright, J.K. 320
Wu, You Min 724

X

Xie, Chen 979

Y

Yamaguchi, Koji 701
Yamashita, Hiroyuki 701
Yeh, I-Tien 745
Yoshida, Junichi 701
Yu, Mihae 770
Yudd, Anthony 1055
Yuhas, Joel P. 557

Z

Zeltsman, David 1010
Zenilman, Michael E. 276
Zibari, Gazi B. 76
Zinner, Michael J. 232
Zommer, Sagi 789

SUBJECT INDEX

A

Abdomen
  acute pain, serum amylase and lipase in evaluation of, 1028
  advanced colon cancer recurrence modified by radiation and chemotherapy, 546
  blunt trauma
    computed tomography, 56
    pancreas, 647
    pneumothoraces and solid organ injury, 416
  clear liquid *vs* regular diet, postoperative, 167
  endometriosis in surgical scars, 1042
  intra-abdominal abscess (IAA), nonoperative management, 218
  tuberculosis, surgical perspective, 865
Abdominal aorta
  aneurysms
    colonic ischemia complication, 557
    epidural catheters *vs* parenteral opioid analgesia, 45
    infected, 35
  aortoenteric fistula, 339
  Takayasu's arteritis, 409
Abdominal wall
  defects (AWD), closing, vesical pressure measurements, intraoperative, 192
  endometrioma in laparoscopic trocar tract, 617
  intrapleural analgesia, pain management, 488
  omentum, mesh repair, ventral hernia, 443
  and retroperitoneal emphysema after transanal excision of rectal carcinoma, 759
  temporary closure, prosthetic materials experience, 331
Abscess, intra-abdominal (IAA), nonoperative management, 218
Acquired immune deficiency syndrome (AIDS)
  small bowel obstruction from gastrointestinal histoplasmosis, 369
  spontaneous pneumothorax in, 753
Adhesion formation, hernia incisional repair, porcine model, 935
Adrenals
  hydatid cyst, 383
American Hospital Association, 1
Ampullary carcinoma, community hospital setting, 197
Analgesia
  abdominal aneurysmectomy, epidural catheters *vs* parenteral opioid, 45
  epidural, effect on ileus after ileal pouch-anal anastomosis, 499
Anatomy
  cartilaginous duplication, rib cage, in cadaver, 976
  gross human, 512
Aneurysms
  aortic abdominal
    colonic ischemia complication, 557
    epidural catheters *vs* parenteral opioid analgesia, 45
    infected, 35
    physical exam screening, elderly male with atherosclerosis, 861
    removal after kidney transplantation, 961
  arterial, neurofibromatosis and, 311
Angiomyxoma, 253
Angiosarcoma, breast, low-grade dermal, after radiotherapy, 668
Antacid prophylaxis, critically ill patients and hemorrhagic stress ulcer, 1010
Anticoagulation
  blunt carotid injury and, 212
  spermatic cord hematoma and, 768
Aortoenteric fistula, 339
Appendicitis, simultaneous acute, in monozygotic twins, 407
Arterial testing, noninvasive lower extremity *vs* pulse exam, 315
Arteriovenous (AV) dialysis access grafts, 188
Arteritis
  candida, GI endoscopy and, 472
  Takayasu's, 409
  temporal, 449
Aspiration, fine needle, by clinicians, utilization survey, 719
Atherosclerosis, elderly male with, physical exam screening for aortic abdominal aneurysms, 861

B

Bacteremia, Gram-negative, high-density lipoprotein, reconstituted, effect of, 350
Beaumont, William, gastric juices and, 690
Bile duct, accessory, laparoscopic cholangiography and, 270
Biliary access procedure, Oriental cholangiohepatitis and, 930
Biliary enteric anastomosis, ductal adenocarcinoma of pancreas, 582
Biliary obstruction, natural killer cell (NK) and, 259
Biopsy, breast
  nonpalpable lesions and stereotactic localization, 1018
  stereotactic, 96
    editorial comment, 89
    history, present, future, 128
    training for surgical practice, 113
  surgeon's role, 93
Bleeding, unplanned reoperation, 52
Blood culture, routine, and noscomial pneumonia, 373
Bowel
  chronic inflammatory disease, surgical outcome in children, 1014
  macrophage function, anastomoses healing, 14
  sigmoid volvulus in pregnancy, 380
  small
    carcinoids and, 280
    metastatic melanoma surgery, 658
    necrosis with jejunostomy tube feeding, 1050
    obstruction, gastrointestinal histoplasmosis in AIDS, 369
    octreotide, healing anastomosis and, rat model, 733
    primary malignant tumors, treatment and prognosis, 709
Breast
  biopsy
    editorial comment, stereotactic needle core, 89
    improved tissue harvesting with Mammotome, 738
    stereotactic, Mammotome probe and, 738
    stereotactic localization, nonpalpable lesions, 1018
    stereotactic needle core, 96
    stereotactic *vs* needle localization, open biopsy, 637
    surgeon's role, 93
    training for surgical practice, 113
  cancer
    advanced, hormonal receptor status, chemotherapy and, 162
    angiosarcoma, low-grade dermal, after radiotherapy, 668
    axillary lymph node dissection and, 159
    discharge, accelerated, 123
    family-related, correlation with low neuraminidase blood levels, 949
    laser hyperthermia, interstitial, 117
    milk rejection sign and, 998
    nipple discharge management, 119
    palpable *vs* nonpalpable tumors, 395
    screening, evaluation and treatment, follow-up, 458
  cancer metastases
    axillary node, size-location and, 519
    cholecystitis presentation, 745
    to ureter presenting with flank pain, recurrent urinary tract infection, 748
  disease history, 91
  evaluation skills, house officer and students, 840
  general surgery reduction mammoplasty, 156
  male, Paget's disease, 1068
  mammographic abnormalities, medical-legal pitfalls, 484
  nipple discharge, abnormal, ductography and, 785
  skin sparing mastectomy, 151
  ultrasound
    physics and principles, 103
    surgeons and, 108

Burns
ophthalmic thermal injury, 481

C

Candida arteritis, GI endoscopy and, 472
Carcinoid, small bowel, 280
Carcinoma, basal cell, from anal fistula, 1000
Cardiopulmonary bypass, hypothermic circulatory arrest for hepatic and vena cava resection, 525
Cardiothoracic surgery, nasoenteral feeding, 421
Carotid body tumors, characteristics, surgical management of, 1034
Carotid endarterectomy
eversion technique, 361
intensive care unit indications, analysis, 811
Carotid injury, blunt, anticoagulation and, 212
Carotido-cutaneous fistula, hemorrhage, posterior deviation of classical approach, 981
Carotid screening, coronary surgery and, 308
Cartilaginous duplication, rib cage, in cadaver, 976
Catheter
antiseptic bonding and catheter-related infection/sepsis, 641
epidural *vs* parenteral opioid analgesia, aortic abdominal aneurysm, 45
heart, Werner Forssman self-experimentation, 514
Hickman, perforation, pericardial tamponade and death from, 994
left superior vena cava, pediatric caution, 516
needle, jejunostomy complications, 40
over-wire changes using Seldinger technique, chest X-ray and, 1064
Chemoembolization for hepatocellular carcinoma/metastatic neuroendocrine tumors, liver transplant and, 724
Chemotherapy
advanced colon cancer recurrence modified by whole abdominal radiation and, 546
hormonal receptors, advanced breast carcinoma and, 162
Cholangiohepatitis, Oriental, biliary access procedure and, 930
Cholangitis, recurring pyogenic, biliary access procedure and, 930
Cholecystectomy, laparoscopic
acute cholecystitis, urgent intervention, 598
cholangiography and accessory bile ducts, 263
choledocholithiasis, 256
Clostridium perfringens sepsis with intravascular hemolysis, 326
geriatric, 386
pregnancy, during third trimester, 874
Cholecystitis
acute, resulting from hemobilia after liver biopsy, 757
metastatic breast carcinoma presenting as, 745
Choledochal cysts, 30
Choledocholithiasis during laparoscopic cholecystectomy, 256
Cholelithias, 5-lipoxygenase inhibitor preventing gall stone formation in lithogenic prairie dog model, 551
Cholescintigraphy, gallbladder perforation, preoperative diagnosis of, 1066
Clostridium difficile colitis, in immunocompromised patient, 603
Clostridium perfringens sepsis with intravascular hemolysis, 326
Colburn, Gene, tribute, 512
Colectomy
elective conventional, 589
laparoscopic, complete *vs* assisted, 507
laparoscopic-aided *vs* open, gastric emptying comparison, 594
Colitis
Clostridium difficile, in immunocompromised patient, 603
mucosal ulcerative (MUC), 178, 535
Colon
advanced cancer recurrence modified by whole abdominal radiation and chemotherapy, 546
early postoperative feeding after open resection, 853
endoscopic Nd:YAG laser therapy for villous adenomas of, 577
ischemia after abdominal aortic aneurysm repair, 557
lipoma, giant, causing intermittent subacute obstruction, 918
parathyroid hormone-related protein expression, immunochemistry, 540
perforation, complication of endoscopic polypectomy, 770
surgery in octogenarian, 276
Community hospital, adenocarcinoma, ampulla of Vater, 197
Compartment syndrome, exercise-induced, 469
Compliance, acute lung injury, oxygenation and body position, 1038
Computed tomography (CT)
abdominal blunt trauma, 56
blunt liver/splenic injury, followup scan value, 883
directed drainage (CDD), intra-abdominal abscess, 218
pancreatic trauma, 647
Coronary artery bypass
grafting, pulmonary lesions, resection during, 300
valve replacement, octogenarians, 941
Cost, financial, 1
liver transplant outcome analysis, 320
resource utilization and pathways, 830
unnecessary preoperative investigations, 686
Critically ill patients
hemorrhagic stress ulcer and antacid prophylaxis, 1010
percutaneous cholecystostomy in, 263
Cytokines, inflammatory, acute pancreatitis and, 8

D

Delorme procedure, for complicated rectal prolapse in elderly patient, 857
Deoxyyribonucleic acid (DNA), discovery of, 976
Diagnosis, early, small bowel carcinoids and, 280
Diet, clear liquid *vs* regular, postoperative, 167
Diskectomy, laparoscopic L5-S1, 64, 516
Distal splenorenal shunt (DSRS), 171
Diverticulitis
acute, perforation of terminal ileum, 939
salpingocolonic fistula and, 984
Diverticulum, inverted Merkel's, intussusception in, 889
DNA
analysis role, flow cytometric, ductal adenocarcinoma of pancreas, 609
synthesis inhibition, fludarabine phosphate, 435
Drainage, routine, pelvic anastomosis, 452
Ductography, abnormal nipple discharge evaluation and, 785
Duodenal perforation
minor injury, evaluation, 952
spontaneous, in neonates, 706

E

Ehlers-Danlos syndrome, surgical complications, 869
Elective noncardiac surgery, preoperative saline loading, 223
Emergency room thoracotomy, indications, 530
Endocrine neoplasia syndrome, multiple (MEN) Type I, 427
Endometrioma, abdominal wall, in laparoscopic trocar tract, 617
Endometriosis
abdominal scars and, 1042
pelvic, 274
Endoscopic polypectomy, and pneumopericardium, pneumomediastinum, bilateral pneumothoraces, subcutaneous emphysema, 770
Endothelial cells, synthetic graft patency and, 619
Endotoxemia, small intestine absorption during, in swine, 793
Esophagus
iatrogenic pseudodiverticulum, 973
primary malignant melanoma, diagnostic value of endoscopic ultrasonography, 716
squamous cell carcinoma of, 573
Exercise, compartment syndrome and, 469

F

Familial adenomatous polyposis, 178, 535
Fecal incontinence, pudendal canal decompression, 339
Feeding, postoperative, after open colon resection, 853

Fistula
anal, basal cell carcinoma from, 1000
aortoenteric, 339
arteriovenous for hemodialysis access, 652
carotido-cutaneous, hemorrhage, posterior deviation of classical approach, 981
salpingocolonic, diverticulitis and, 984
Fludarabine phosphate, DNA synthesis inhibition, 435
Forssman, Werner, self-experimentation, 514
Fundoplication, laparoscopic, 632

G

Gallstone
formation, 5-lipoxygenase inhibitor preventing in lithogenic prairie dog model, 551
pancreatitis, intensive care unit indications, admission data and, 815
Gastric juices, William Beaumont and, 690
Gastric ulcer surgery, 673
Gastroesophageal reflux and malrotation, infants, simultaneous correction, 800
Gastrointestinal disease
Ehlers-Danlos syndrome, surgical complications, 869
upper, *Helicobacter pylori* and, 60
Gastrojejunostomy, ductal adenocarcinoma of pancreas, 582
Genetics, simultaneous acute appendicitis in monozygotic twins, 407
Geriatrics
atherosclerosis, male with, physical exam screening for aortic abdominal aneurysms, 861
colon surgery in, 276
coronary artery bypass, valve replacement, 941
Delorme procedure, for complicated rectal prolapse in, 857
laparoscopic cholecystectomy in, 386
laparoscopic colorectal surgery in, 1060

H

Heart
carotid endarterectomy, eversion technique, 361
carotid screening need, coronary revascularization, 308
catheterization, Werner Forssman self-experimentation, 514
neonatal, postischemic phosphate repletion, 494
pulmonary lesions during coronary artery bypass grafting, 300
Helicobacter pylori, upper gastrointestinal disease and, 60
Hemobilia leading to acute cholecystitis, after liver biopsy, 757
Hemodialysis
arteriovenous (AV) dialysis access grafts and, 188
arteriovenous fistula for, 652
peritoneal, inducing hydrothorax in children, 820
Hepatic adenoma, selective management of, 825
Hepatic artery thrombosis, orthotopic liver transplantation and, 237
Hernia
diaphragmatic rupture, peritoneoscintigraphy in diagnosis of, 1055
incisional repair, adhesion formation, porcine model, 935
inguinal, neuralgia after, 664
laparoscopic repair, total extraperitoneal, 840
sacral, repair technique, 762
ventral
laparoscopic repair, 331
omentum, mesh repair, 443
repair with simultaneous panniculectomy, 678
Herniorrhaphy
testicular atrophy and neuropathy in, 775
total extraperitoneal, 840
previous lower abdominal surgery and, 292
vs transabdominal preperitoneal, 69
transabdominal preperitoneal, 509 repairs, 849
Histoplasmosis, disseminated, small bowel obstruction in AIDS, 369
History, medical
angina pectoris, etiology discovery, 1076
deoxyyribonucleic acid (DNA), discovery of, 976
gastric juices, William Beaumont and, 690
heart catheter, Werner Forssman self-experimentation, 514
nodule, para-umbilical, Sister Mary Joseph and, 328
percutaneous entry technique, Sven Ivar Seldinger and, 783
yellow fever in New Orleans, 424
Hospital discharge, accelerated, breast cancer surgery and, 123
Human immunodeficiency virus (HIV) positive patient, treating, 693
Hydatid cyst, adrenal, 383
Hydrothorax, peritoneal dialysis-induced, in children, 820
Hyperparathyroidism, preoperative needle-localized parathyroidectomy, 413
Hypertension
portal
surgical interventions, 171
transjugular intrahepatic portosystemic shunt for, and liver transplantation, 835
renovascular, 241
Hypothermic circulatory arrest, cardiopulmonary bypass for hepatic and vena cava resection, 525

I

Iatrogenic esophageal pseudodiverticulum, 973
Ileal pouch-anal anastomosis
double stapled (DSIAR), 178
epidural analgesia, effect on ileus, 499
single-stapled compromise, 535
Ileum, terminal diverticulitis, perforation of, 939
Immunoscintigraphy, colorectal cancer, 956
Infection, subcutaneous infusion reservoir, 203
Inferior vena cava (IVC) occlusion, vascular control and, 246
Intensive care unit indications
analysis for carotid endarterectomy, 811
gallstone pancreatitis, admission data and, 815
Intestine, small, absorption during endotoxemia, swine model, 793
Intussusception, inverted Merkel's diverticulum, 889
Ischemia, colonic, after abdominal aortic aneurysm repair, 557
Ischemic preconditioning, post-ischemic skeletal muscle function and, 391

J

Jaundice, obstructive, idiopathic fibrosing pancreatitis and, 295
Jejunal diverticula, perforated, 26
Jejunal feeding
small bowel necrosis with, 1050
trauma patient with reflux absence, increases nasogastric output, 887
Jejunostomy, needle catheter, complications, 40
Jenner, Edward, angina pectoris, discovery of etiology of, 1076
Joseph Hospital, Rochester, NY, 328

K

Kidney transplantation, aortic abdominal aneurysectomy and, 961
Knee arthroplasty, total, popliteal artery injury after, 366

L

Laminectomy *vs* laparoscopic L5-S1 diskectomy, 64
Laparoscopy
cancer, immune system effects *vs* open surgery, 625
cholecystectomy
acute cholecystitis, urgent intervention, 598
cholangiography and accessory bile ducts, 270
choledocholithiasis, 256
Clostridium perfringens sepsis with intravascular hemolysis, 326

geriatric, 386
pregnancy, during third trimester, 874
colectomy
complete *vs* assisted, 507
gastric emptying comparison, assisted *vs* open, 594
lessons for elective conventional, 507
colorectal surgery in elderly patients, 1060
gastric fundoplication, 632
herniorrhaphy, total extraperitoneal, 840
previous lower abdominal surgery and, 292
vs transabdominal preperitoneal, 69
herniorrhaphy, transabdominal preperitoneal, 509 repairs, 849
L5-S1 lumbar diskectomy, 64
major vascular injury, complication of surgery, 377
ulcer, perforated, crack cocaine-induced, omental patching, 1007
ulcer, perforated peptic, repair, 1003
ventral hernia, repair, 331
Laser hyperthermia, interstitial, breast cancer, 117
Laser therapy, endoscopic Nd:YAG, for villous adenomas of colon, rectum, 577
Lesions, nonpalpable breast, stereotactic localization and core needle biopsy, 1018
Leukotriene inhibitors, gallstone formation, 551
Lipoma, giant, causing intermittent subacute intestinal obstruction, 918
Lipoprotein, reconstituted high-density, effect of, 350
Liver
blunt injury, followup scan value, 883
hemobilia leading to acute cholecystitis, after biopsy, 757
hepatic artery thrombosis after orthotopic transplantation, 237
hepatic hemangioma in infants, children, 356
prostaglandin E_1 on hepatic allograft vascular inflow, 184
sarcoma, undifferentiated (embryonal), surgery for, 901
transjugular intrahepatic portosystemic shunt (TIPS), 76, 171
treating portal hypertension, impact on transplantation, 835
transplant outcome analysis, 320
Lumbar diskectomy, L5-S1, laparoscopy, 64
Lung injury, acute, oxygenation, compliance, body position and, 1038
Lymph node
axillary, breast cancer and
dissection, 159
metastases, 519
prophylactic dissection indications, Merkel cell cancer, 879

M

Macrophage function, bowel anastomoses healing and, 14
Malabsorption, peptide YY and, 232
Malpractice, mammographic abnormalities, medical-legal pitfalls, 484
Malrotation and gastroesophageal reflux, infants, simultaneous correction, 800
Mammoplasty, reduction, general surgery, 156
Mammotome probe, stereotactic breast biopsy and, 738
Managed care, 693
Mastectomy, skin sparing, anatomic/technical considerations, 151
Mediastinoscopy, projectile injury evaluation, treatment, 1073
Medical schools, 1, 693
clinical skills deficiency, 840
Melanoma
of esophagus, primary malignant, diagnostic value of endoscopic ultrasonography, 716
nodal metastases, tumor biology, 81
small bowel metastases surgery, 658
unknown primary, United States, 1981 and 1987, 395
Merkel cell cancer, prophylactic lymph node dissection, 879
Mesenteric venous thrombosis, pancreatitis-associated, 432
Milk rejection sign, breast tumor and, 998
Multiple endocrine neoplasia syndrome (MEN) Type I, 427
Mycotic thoracoabdominal aneurysms *in situ* prosthetic graft replacement, 35

N

Narcotic usage, laparoscopic cholecystectomy, intramuscular intraoperative pain medication and, 907
Nasoenteral feeding, cardiothoracic surgery, 421
Nasojejunal feeding in trauma patient, reflux absence, increases gastric output, 887
Natural killer cell (NK), biliary obstruction and, 259
Needle aspiration, fine, utilization survey, 719
Needle catheter jejunostomy, complications, 40
Nerve, spinal accessory, iatrogenic injury to, 682
Neuralgia, after inguinal hernia repair, 664
Neuraminidase blood levels, low, correlation with family-related breast cancer, 949
Neurilemmoma, malignant perirenal schwannoma, diagnosis and management, 1024
Neurofibromatosis, arterial aneurysms, 311
Neuromuscular blockade monitoring standards, 503
Nipple discharge management, 119
Nodule, para-umbilical, Sister Mary Joseph and, 328
Nosocomial pneumonia, routine blood cultures and, 373

O

Obesity, ventral hernia repair with panniculectomy, 678
Octogenarians
colon surgery in, 276
Octogenarians, coronary artery bypass, valve replacement, 941
Octreotide
healing small bowel anastomosis and, rat model, 733
Ophthalmic thermal injury, 481
Oxygenation, acute lung injury and body position, compliance, 1038

P

Paget's disease, male breast, 1068
Pain management
abdominal wall, intrapleural analgesia, 488
intramuscular intraoperative medication, laparoscopic cholecystectomy, narcotic usage and, 907
Pancreas
blunt trauma, endoscopic retrograde pancreatography, 446
ductal adenocarcinoma, 582
role of flow cytometric DNA analysis in prognosis, 609
sarcoidosis of, 947
Pancreatitis
acute
serum amylase and lipase in evaluation for, 1028
TNFα inhibition and, 8
idiopathic fibrosing, obstructive jaundice and, 295
mesenteric venous thrombosis and, 432
Pancreatoduodenectomy, predicting morbidity, mortality, survival after, 701
Paralysis, neuromuscular blockade monitoring standards, 503
Parathyroidectomy, preoperative needle-localized, for hyperparathyroidism, 413
Parathyroid glands, abnormal, evaluation, high resolution ultrasonography *vs* technetium-99m sestamibi (MIBI), 562
Patient care, 693
clinical pathways, and cost containment, 830
Pediatrics
catheter left superior vena cava, caution, 516
choledochal cysts, 30
chronic inflammatory bowel disease, surgical outcome, 1014
gastroesophageal reflux and malrotation, simultaneous correction, 800
hepatic hemangioma, 356
hydrothorax, peritoneal dialysis-induced, 820
left superior vena cava catheter caution, 516
neonatal, postischemic phosphate repletion, 494
obstructive jaundice and idiopathic fibrosing pancreatitis, 295
Pelvic anastomosis, routine drainage, 452

Peptide YY, malabsorption and, 232
Percutaneous cholecystostomy, in critically ill patients, 263
Percutaneous entry technique
  Sven Ivar Seldinger and, 783
  utility of routine chest X-ray after "over-wire" change, 1064
Perforation
  crack cocaine-induced ulcer, laparoscopic patching, 1007
  gallbladder, cholescintigraphy for preoperative diagnosis, 1066
  Hickman catheter, pericardial tamponade and death from, 994
  peptic ulcer, laparoscopic repair, 1003
  spontaneous duodenal, in neonates, 706
  terminal ileum diverticulosis, 939
Periampullary carcinoma, pancreatoduodenectomy and, 701
Pericardial constriction, pericardiectomy for, 304
Pericardial tamponade, death from Hickman catheter and, 994
Peritoneal adhesion formation, effects of interleukin-6 on, 569
Peritoneoscintigraphy, diaphragmatic rupture, diagnosis of, 1055
Physical status, American Society of Anesthesiologists score and pancreatoduodenectomy, 701
Physiologic index, penetrating trauma lethality, 987
Pilonidal disease, squamous cell carcinoma complicating, 922
Plasma volume, preoperative expansion, 223
Pneumonectomy, trauma, survival after, 967
Pneumonia
  injury severity and, 207
  noscomial, routine blood cultures and, 373
Pneumopericardium, pneumomediastinum, bilateral pneumothoraces, subcutaneous emphysema, complications of endoscopic polypectomy, 770
Pneumoperitoneum, creating, major vascular injury, complication of laparoscopic surgery, 377
Pneumothorax, spontaneous, in AIDS population, 753
Popliteal artery injury after total knee arthroplasty, 366
Pregnancy
  laparoscopic cholecystectomy during third trimester, 874
  sigmoid volvulus in, 380
Preoperative investigation, unnecessary, cost analysis, 686
Primary nonfunction (PNF), liver allograft, 184
Proctocolectomy, restorative, older patients, 178
Prostaglandin E_1, hepatic allograft vascular inflow, 184
Protein expression, parathyroid hormone-related, in colon, immunochemistry, 540
Pulmonary contusion, blunt chest trauma, 895
Pulmonary lesions, resection during coronary artery bypass grafting, 300
Pulse exam *vs* noninvasive lower extremity arterial testing, 315

Q

Quality of life
  liver transplant outcome analysis, 320

R

Rectal carcinoma, survival pattern analysis, 806
Rectal prolapse
  complete, pudendal canal decompression for fecal incontinence, 339
  complicated, elderly, and the Delorme procedure, 857
Rectum, penetrating extraperitoneal injury, presacral drainage necessity, 765
Renovascular hypertension, 241
Research universities, 1
Resident training, 693
Rib cage, complete cartilaginous duplication, in cadaver, 976

S

Sarcoidosis, pancreas, 947
Schwannoma, malignant perirenal, diagnosis and management, 1024
Seldinger, Sven Ivar, 783
Sepsis
  Gram-negative, reconstituted high-density lipoprotein, effect of, 350
  triple lumen catheter *vs* ARROWgard antiseptic coated catheter, 641
  xanthomonas maltophilia, 478
Sister Mary Joseph's node, 328
Spinal accessory nerve, iatrogenic injury, 682
Spleen
  blunt injury
    followup CT scan value, 883
    management and outcome, 911
    nonoperative management of, 1045
  massive splenomegaly, surgical management of, 803
Squamous cell carcinoma
  esophagus, 573
  pilonidal disease, treatment for, 922
Standards, ICU, neuromuscular blockade monitoring, 503
Stereotactic breast biopsy, 96
  editorial comment, 89
  history, present, future, 128
  Mammotome probe, 738
  vs needle localization, open biopsy, 632
  training for surgical practice, 113
Subcutaneous infusion reservoir, infection, 203
Surgery, general, reduction mammoplasty and, 156

T

Tachyarrhthmia, superventricular, in surgical intensive care, 73
Takayasu's arteritis, 409
Teachers, gross human anatomy, 512
Technetium-99m-sestamibi scan, *vs* ultrasound evaluation of parathyroid, 562
Temporal arteritis, 449
Testicular atrophy, neuropathy in herniorrhaphy, 775
Thoracic outlet syndrome, 287
TNFα inhibition, pancreatitis, acute, and, 8
Tourniquet-induced ischemia, post-ischemic skeletal muscle function and, 391
Transanal excision, rectal carcinoma, leading to abdominal wall and retroperitoneal emphysema, 759
Transjugular intrahepatic portosystemic shunt (TIPS), 76, 171
  treating portal hypertension, impact on liver transplantation, 835
Trauma
  abdominal, computed tomography and, 56
  anti-oxidant treatment, vitamin E *vs* vitamin C, rat model, 789
  blunt
    carotid injury, anticoagulation and, 212
    chest, pulmonary contusion, collective review, 895
    liver/splenic injury, nonoperative management, followup CT scan value, 883
    spleen, management and outcome, 911
    spleen, nonoperative management for, 1045
  diaphragmatic rupture, peritoneoscintigraphy in diagnosis of, 1055
  endoscopic retrograde pancreatography, 446
  injury severity and pneumonia, 207
  nosocomial pneumonia, routine blood cultures and, 373
  pain management, intrapleural analgesia, 488
  pancreatic, computed tomography and, 647
  penetrating
    chest, emergency room thoracotomy indications, 530
    extraperitoneal rectum, presacral drainage necessity, 765
    lethality of, 987
    mediastinum, mediastinoscopy for evaluation, treatment, 1073
    minor, duodenum, evaluation of, 952
    ureteral injury, associated injuries and, 461
  pneumonectomy, survival after, 967
  pneumothoraces and solid organ injury, 416
  predicting prolonged ventilatory support, 19

reflux absence, jejunal feeding increases nasogastric output, 887
temporary closure, prosthetic materials experience, 331
Tuberculosis, abdominal, surgical perspective, 865
Tumor(s)
breast, milk rejection sign and, 998
carotid body, characteristics, surgical management of, 1034
giant lipoma, intermittent subacute intestinal obstruction and, 918
hepatic adenoma, selective management of, 825
hepatocellular carcinoma/metastatic neuroendocrine, chemoembolization for, liver transplant and, 724
Paget's disease, male breast, 1068
rare, angiomyxoma, 253
schwannoma, malignant perirenal, diagnosis and management, 1024
small bowel, treatment and prognosis, 709
Twins, monozygotic simultaneous acute appendicitis in, 407

U

Ulcer
gastric, operations for, 673
hemorrhagic stress, antacid prophylaxis and critically ill patients, 1010
perforated, crack cocaine-induced, laparoscopic patching, 1007
perforated peptic, laparoscopic repair, 1003
Ultrasound
breast
physics and principles, 103
surgeons and, 108
endoscopic, diagnostic value of, primary malignant melanoma of esophagus, 716
high resolution *vs* technetium-99m-sestamibi (MIBI) in evaluation of abnormal parathyroid glands, 562
Ureter
breast carcinoma metastases to, presenting with flank pain, recurrent urinary tract infection, 748
trauma, penetrating, associated injuries and, 461
Urokinase, endothelial cells in synthetic vascular graft, 619

V

Varical bleeding, portal hypertension, surgical interventions, 171
Vascular complications, Ehlers-Danlos syndrome, surgical indications, 869
Vascular control, inferior vena cava (IVC) occlusion and, 246
Vascular exclusion, during hepatic and vena cava resection, 525
Vascular prosthesis, transduced endothelial cells, urokinase and, 619
Ventilatory support, predicting prolonged, 19
Vesical pressure measurements, intraoperative
abdominal wall defects (AWD), closing, 192
Vitamin E *vs* vitamin C, anti-oxidant treatment for shock, rat model, 789

W

Wound healing, effects of interleukin-6 on peritoneal adhesion formation, 569

X

Xanthomonas infections, 478

Y

Yellow fever in New Orleans, 424